

Technical drawings of the 1000 series gear pump, showing front, side, and end views for three different shaft configurations: 1000-1, 1000-2, and 1000-3.

1000-1 (Top): Front view shows dimensions L (RD22), L (RD23), Y, S, 13, 11, 6, X1, X, 25, 130, 13, 153. Side view shows 155, Z1, 10, 90, 158, 37, 110, 140, $\phi 9$. End view shows $\phi 25h6$, M10x22, 7.5, 35, 8h9, 28.

1000-2 (Middle): Front view shows dimensions L (RD22), L (RD23), Y, S, 3, 12, 6, X1, X, 25, 130, 13, 153. Side view shows 155, Z1, 10, 90, 158, 37, 110, 140, $\phi 9$. End view shows $\phi 30h6$, M10x22, 10, 40, 8h9, 33.

1000-3 (Bottom): Front view shows dimensions L (RD22), L (RD23), 15.5, $\phi 70g6$. Side view shows 35(RD22), 53(RD23), 84, 60°, 60°, 6h9, 21.5, 30, 5, 40, $\phi 19h6$, $\phi 85$, M8x10 (6).

End Views (Right): Three end views showing mounting dimensions: $\phi 108$, 45°, 22.5°, $\phi 65g6$, 102, $\phi 95$; $\phi 140$, 45°, $\phi 95h7$, 115, $\phi 115$, $\phi 9(4)$; $\phi 160$, 45°, $\phi 110h7$, 130, $\phi 130$, $\phi 9(4)$; $\phi 200$, 45°, $\phi 130h7$, 165, $\phi 11(4)$, 165.

RD	23	22 / 23	22 / 23	22	22	22	22	---
IEC	63	71	80	90 S	90 L	100	112	---
X / Y / Z1								---
X1 (B5) / S	140/10	160/11.5	200/11	200/11	200/11	250/13	250/13	---
X1 (B14) / S	---	105/10.5	120/10	140/10	140/10	160/11.5	160/11.5	---
L (RD22)	---	190	190 [192-14]	190 [192-14]	190 [192-B14]	191 [190-B14]	191 [190-B14]	---
L (RD23)	211	209	209 [211-14]	---	---	---	---	---

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